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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Clint Chapple et al.

Appln. No.: 10/556,014

Filed: November 2, 2006

For: REF1 MODIFIED PLANTS  
AND PLANT SEEDS

Attorney Docket No: 12264-296

Examiner: TBD

Art Unit: 1638

Confirmation No. 2901

### INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
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In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b), Applicants hereby cite the following references:

U.S. PATENT DOCUMENTS		
DOCUMENT NUMBER	DATE	NAME
2002/0062496	5.23.02	Chapple et al.
2002/0162137	10.31.02	Nikolau et al.
6,489,538	12.3.02	Chapple et al.
6,501,004	12.31.02	Selvaraj et al.

**OTHER ART – NON PATENT LITERATURE DOCUMENTS**

Int'l Search Report and Written Opinion from PCT/US04/14489, filed May 7, 2004
Franke et al., Modified lignin in tobacco and poplar plants over-expressing the Arabidopsis gene encoding ferulate 5-hydroxylase; <i>The Plant Journal</i> 22:223-224 (2000)
Franke et al., The Arabidopsis Ref8 Gene Encodes the 3-hydroxylase of Phenylpropanoid Metabolism; <i>The Plant Journal</i> 30:33-45 (2002)
Franke et al., Changes in Secondary Metabolism and Deposition of an Unusual Lignin in the Ref8 Mutant of Arabidopsis; <i>The Plant Journal</i> 30:47-59 (2002)
Skibbe et al., Characterization of the Aldehyde dehydrogenase gene families of Zea mays and Arabidopsis; <i>Plant Molecular Biology</i> 48:751-764 (2000)
Ruegger and Chapple, Mutations that reduce sinapoylmalate Accumulation in Arabidopsis thaliana Define Loci with Diverse Roles in Phenylpropanoid Metabolism; <i>Genetics</i> 149:1471-9 (2001)
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Hemm et al., The Arabidopsis Ref2 Mutant is Defective in the Gene Encoding CYP83A1 and Shows Both Phenylpropanoid and Glucosinolate Phenotypes; <i>The Plant Cell</i> 15:179-94 (2003)
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Kaneko et al., Structural Analysis of Arabidopsis thaliana Chromosome 3.II. Sequence Features of the 4,251,695 bp Regions Covered by 690 P1, TAC and BAC Clones; <i>DNA Res</i> 7:217-221 (2000)
Katavic et al., Alteration of Seed Fatty Acid Composition by an Ethyl Methanesulfonate-induced Mutation in Arabidopsis thaliana Affecting Diacylglycerol Acyltransferase Activity; <i>Plant Physiology</i> , 108:399 (1995)
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Routaboul et al., The TAG1 locus of Arabidopsis encodes for a diacylglycerol acyltransferase; <i>PLANT PHYSIOLOGY AND BIOCHEMISTRY</i> , 37(11): 831-840 (1999)
Nair et al., The Arabidopsis Thaliana Reduced Epidermal Fluorescence1 Gene Encodes an Aldehyde Dehydrogenase Involved in Ferulic Acid and Sinapic Acid Biosyntheses; <i>The Plant Cell</i> 16:544-554 (2004)
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Seo et al., Selenomethionine regulation of p53 by the ref1-dependent redox mechanism; <i>PNAS</i> 99:14548-14553 (2002)
Jackson et al., Analysis of Nuclear transport signals in the human apurinic/apyrimidinic endonuclease (APE1/ref1); <i>Nucleic Acids Research</i> 33:3303-3312 (2005)
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Applicants are enclosing Form PTO-1449 (two sheets), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). As each of the listed references is in English, no further commentary is believed to be necessary,

37 C.F.R. §1.98(a)(3). Applicants respectfully request the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.

By submitting this Statement, Applicants are attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

The Applicant or Applicants have calculated no fee to be due in connection with the filing of this Information Disclosure Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Information Disclosure Statement to a deposit account, as authorized in the Transmittal accompanying this Information Disclosure Statement.

Respectfully submitted,

January 10, 2008

Date

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